
The DX Bulletin

• America's Oldest Weekly Amateur Radio Publication •

Issue 336 May 16, 1986

Amateur Radio In Thailand - HS

TDXB's man in Thailand reports that things are looking up for increased HS activity. The club station HS0A, with a new 2-element, 40-meter beam, will be on for major contests, including WPX CW, All Asian, Seanet and CQWW phone and CW, and IARU HF (formerly Radiosport). Although HS0A cannot take 40 and 80 meter skeds, look for them around grey-line times: 2300Z sunrise, 1145Z sunset for the WPX CW.

Two new club stations coming on the air soon are HS0SM at the Science Museum and HS0RS at the Radio Amateur Society of Thailand's (RAST) meeting place. Equipment for these new stations is already in hand, thanks to Japanese amateurs and the Japanese Embassy. Listen between 0200-1700Z, Thai working hours.

Even more exciting is the July 27th implementation of a new amateur radio law, establishing three classes of license:

- Novice, VHF only, without code requirements, replacing present VR stations (of which there are more than 1500, including the King of Thailand, VR-009).
- General, with 20-10 meter privileges, and 5 wpm code. With the cooperation of the Thai PTT, this license is designed to get a bunch of HS stations on HF immediately.
- Advanced licensees will get 40-80 meter bands, and be required to copy 10-12 wpm code, both International Morse and Thai morse, with 64 letters!
- Visiting foreigners may qualify for reciprocal operating privileges, paving the way for DXpedition-type operations from HS. Meanwhile, visitors to HS can contact TDXB about operating HS0A during contests.

Burma XZ and Vietnam XV

In the bad news category, recent discussions by ON50S with retired Burmese military officers suggest little chance of legitimate XZ activity soon, and the same seems to hold for XV. As TDXB suggested, KM1R/XV5 was a pirate.

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Clipperton - FO0XX

The 1986 Clipperton crew finally landed Tuesday, May 6, after a frustrating day circling the island, looking for a break in the surf. "It looks like the opening scene in [the TV show] Hawaii Five-O," described one DXpeditioner.

Unfortunately the ionosphere did not cooperate with the DXpedition, as a major solar storm wiped out HF propagation, with A-indices above 100, and a K of 8 (see Propagation.) As the bands cleared, the crew valiantly tried to call "EU only," but were frequently frustrated by lack of propagation to Europe. East coast monitors (midway between Clipperton and Europe) reported many Europeans calling FO0XX, but few getting through. Most stateside stations were pretty good about standing by to allow European contacts, but given the propagation, most of FO0XX's QSOs were with US DXers. QSL Yasme.

The DXpeditioners packed up and left the island by Sunday, May 11. Bob Vallio W6RGG remarked from the boat Royal Polaris that he is once again talking to his fellow operators, once they showered!

Shortly Noted

Zone 34 SU1MB 14160 at 21-2230Z; 6T2BA 14227 at 1600Z (QSL Box 1533, Khartoum.)

FT8YA this Antarctic station has been begging for 30-meter QSOs, and is also active on 40. See Bandpass.

Chagos - VQ9 W4QM returned from his VQ9QM operation with 10,587 QSOs in the log, 800 on 80 meters. QSLs are on order; be patient. AZ1ARU LU6FAZ operated this special prefix station from Argentina. QSL via LU4AA. 4C1SWS was another special call, this time from Mexico. QSL XE1SWS.

ZF8SB on Little Cayman will accept skeds from prefix-hunters. Try 14170 at 2200Z.

Middle East Holy month starts in late May in Moslem countries, and amateurs in that part of the world can often be heard after local sunset, around 1600Z until late.

PROPAGATION

Propagation Forecast:

May 20 High Normal	23 High Normal
21 High Normal	24 High/Above Normal
22 High Normal	25 Low Normal
Thanks N4XX.	26 Low Normal

Flux (81)	Flux (82)	Flux (83)	Flux (84)	Flux (85)	Date	Flux	A	K
						----	1986	----
174	153	146	177	82	4/29	76	09/17	2
140	149	145	183	80	4/30	74	05/08	2
185	149	140	168	81	5/1	71	08/12	3
190	145	143	151	75	5/2	73	15/60	3
183	145	137	142	71	5/3	73	40/58	3
218	142	131	121	70	5/4	70	15/24	3
233	146	129	118	70	5/5	70	10/33	3

Thanks KH6BZF.

Solar storms, the bane of low sunspot years, struck again in early May. After a couple of days of superior propagation, especially over the North Pole (see Bandpass), the ionosphere turned ugly, with Major Solar Storms May 2 and again on May 6. Absorption, including on the vulnerable polar paths, reached three figures, while K indicies as high as 8 were noted. These figures spell pits operating conditions, just as the Clipperton gang was setting up their gear! There is not much even a true-blue DXer can do when the sun acts up, except look at the pretty aurora, or try 6 meters!

Sunspots - Past and Future

KH6BZF reports that the provisional sunspot number for April was 20.86, up from 15.7 in March. (The final number must be averaged with the next six months, so this may change.) This compares with 164.5 at the peak of the last cycle (Dec. 1979). Forecasts for the next few months show sunspot numbers near zero until Fall. Meanwhile, NASA thinks the current sunspot cycle (No. 21) will bottom out in mid-1987. Of course, NASA has been wrong before. Meanwhile, peak HF propagation should occur May 15-18 and again around May 26. Watch out for disturbed conditions May 28-31.

Readers' Questions

Dear TDXB:

What do the new ZF8 and ZF9 prefixes mean?
[ZF8 designates stations on Little Cayman Island, and
ZF9 indicates stations operating from tiny Cayman Brac
Island, both just to the south of Grand Cayman
(ZF1-2).]

Dear TDXB:

How about publishing a list of DX nets in operation?
[TDXB has a list of DX nets around the world, thanks to the Kansas City DX Club. Free for an SASE. Or send 2 IRCs to OE2DYL, Dieter Konrad, OE 2 205572, Bessarabierstr. 39, A-5020 Salzburg, Austria, for Dieter's copyrighted "DX Nets Around the World," latest edition.]

Mozambique - C9

TDXB has received some reports of a station signing C9UFM from Mozambique. However, TDXB's African correspondents suggest that it will be some time before a credible C9 operation takes place. This situation is not slowing the local amateurs, however. They have formed the Mozambique International Amateur Radio Association, and parade around downtown Maputo in "Amateur Radio" t-shirts, so far to no avail. Meanwhile AB4Y has left C9 without gaining written permission for his brief C90A operation.

QSL Help Wanted

Who has the logs for VX9A (Oct. 75) and VY0A (Nov. 75)? - KI6T

Upcoming DX Events

What does the deserving DXer do when the only solar activity is band-crushing storms? How about taking a little trip to run elbows with other DXers in a similar plight. For DX traveling in the coming months we have the following:

• **Northwest DX Convention** July 25-27 at the Sheraton Hotel in Renton, WA. Registration with meals \$38, without \$13, from the Western Washington DX Club, Inc., P.O.Box 224, Mercer Island, WA 98040. Speakers include 1986 Clipperton trip, Russian DX awards, W7RM and W7PHO, and more. A tour of ICOM America is available. TDXB will be there!

● **ARRL 1986 National Convention** will have a DX Forum and DX Breakfast. Sept. 5-7 at the Town & Country Hotel, San Diego, CA. Register for \$7 to SANDARC, P.O.Box 82642, San Diego, CA 92138.

• DXPO 86 Always a fine gathering! This year the dates are Oct. 11-12 at the Falls Church (VA) Best Western. Contact Stu Meyer W2GHH, 2417 Newton Street, Vienna, VA 22180 to get on the mailing list.

● **DX Tour 73** Magazine is sponsoring a DX tour of Korea, Taiwan, and Hong Kong Oct. 4-16, with an optional side trip to Sabah, Brunei, and Sarawak. Cost \$2400-4600. Contact Commerce Tours, 870 Market St., Suite 708, San Francisco CA 94102.

BANDPASS

RTTY					80 MTRS				
5H3ZO	14086	2030	3 OH	4X5J	3797	0220	27	MA	
CE2DAZ	14091	0030	5 OH	4X5J	3799	0309	1	NH	
CE3ITQ	14084	2310	3 OH	5B4JE	3798	0145	1	RI	
F5CZ	14086	1300	4 OH	C39OF	3800	0258	1	NH	
FM5BW	14080	2245	1 RI	CE5SG	3793	0319	1	NH	
HI3ADI	14090	0050	5 OH	FE6DZU	3790	0505	2	R	
HL9OB	14091	0353	27 TG	HA2EOO	3798	0150	1	RI	
HP1KZ	14087	2224	2 RI	HA3PD	3798	0153	1	RI	
HV2VO	14090	1915	26 TG	HK1AMW	3504	1010	29	OH	
IOETZ	14085	2206	1 RI	OY9JD	3504	0450	2	MA	
LU2HP	14095	0040	5 OH	PAOLEG	3799	0351	1	NH	
LZ2KIM	14096	1858	26 TG	SM4AAH	3795	0258	2	NH	
OH1AF	14097	1305	4 OH	YN1TA	3789	0529	3	RI	
PY7AJI	14098	0035	5 OH	YV5PT	7097	0348	1	NH	
SP9EIJ	14091	1955	26 TG	ZL1AMO	3502	1037	29	OH	
SV5TS	14087	1820	2 RI	ZL2BT	3790	0503	2	RI	
SV5TS	14087	2246	26 TG	ZL2SN	3795	1015	26	IL	
TA1F	14093	2220	27 TG						
TF3IB	14092	0008	25 TG	40 MTRS					
TU2JJ	14087	2224	2 RI	3B8CF	7007	0254	5	FL	
TU2JJ	14092	2153	26 TG	4X5J	7005	0215	27	NH	
TZ6WC	14094	2320	27 TG	4X6FR	7004	2320	2	MA	
UAOLCZ	14092	0445	27 TG	9Y4/	7001	2354	30	FL	
ZF1RC	14040	0108	5 RI	J6LAD					
ZS6BBY *	14088	1322	26 TG	CE0ZIG	7009	1045	5	OH	
				CM2HR	7006	0004	3	FL	
160 MTRS				EA9KQ	7007	2359	28	FL	
CO7RG	1850	0258	3 RI	FM5WO	7002	1132	5	AL	
HK1AMW	1833	0912	26 WA	FO0XX/MM	7004	0635	29	MA	
JA7DLI	1910	1107	26 WA	FO8BI	7002	0407	26	WA	
KH6CC	1831	0509	28 WA	FO8BI	7002	0440	2	MA	
KL7Y	1829	0946	28 WA	FT8YA	7006	1059	1	AL	
OK3CQR	1828	2355	2 MA	FT8YA	7005	0655	2	OR	
PA3DQW	1829	2350	2 MA	HC5NAI	7002	2356	28	FL	
PY1MAG	1832	0900	26 WA	HC8NDH	7090	0347	4	NH	
UAOKBW	1832	1100	26 WA	HKOBKX	7008	1139	28	AL	
VK5KL	1830	1207	1 WA	HP1XHY	7014	0007	30	FL	
WP4L	1838	0337	29 WA	HZ1HZ	7011	2145	29	MA	
ZL2BT	1840	0611	23 RI	J28EG	7007	2344	2	MA	

JA1YAD	7022	1050	29	OH	CM3SA	14017	2141	30	FL
JD1BCD	7023	1105	1	AL	CX4CO	14011	0035	6	MI
KH2/NY6M	7006	1155	5	AL	EA8ABX	14040	2335	1	FL
KH2/NY6M	7006	1200	5	MT	EA8EY	14034	2155	30	FL
KH2/NY6M	7008	1320	4	MT	EA9IB	14212	2117	4	NH
PJ9AR	7007	0004	29	FL	EA9SM	14030	1756	4	FL
SV1LV	7005	0510	21	PA	EI5DR	14243	2353	27	CT
UAOQHI	7003	1215	4	OR	ER3A	14185	1650	8	MA
UB3GWA	7012	0000	30	FL	EU9J	14179	1812	8	MA
UK8HA	7003	1212	4	OR	FK0AT	14049	0455	1	OR
UL7BN	7003	1400	2	OR	FK8DY	14049	0450	1	OR
UZOWWJ	7001	2335	2	MA	FM4DU	14248	2354	25	CT
UZ6YWD	7017	0045	1	NH	FO0WVR	14177	0202	28	MD
VK2AMB	7007	1237	5	MT	FO0XX/MM	14180	0100	26	PA
VK6RZ	7004	2333	3	FL	FO0XX/MM	14003	2245	1	IL
VQ9RB	7018	2245	3	FL	FO0XX/MM	14180	0235	2	NH
VY1AC	7014	0635	2	OR	FO0XX/MM	14180	0024	28	CT
YB0TK	7009	1220	4	OR	FO8KW	14233	0331	30	MD
YB7HB	7069	1200	2	OR	FO8KW	14234	0333	30	MT
YC2VJ	7004	1222	4	OR	FS/K2BS	14188	0325	3	MA
YC4FRX	7007	1445	2	OR	FY5CD	14005	0010	30	FL
					GIOAIJ	14255	0015	28	CT
					HC1ZK	14038	2103	4	FL
					HI6ORCD	14014	0050	2	OR
					HI8LC	14035	2355	2	FL
					HK0BKX	14015	2100	4	FL
					HK0BKX	14021	0133	6	MT
					HK0BKX	14021	0133	6	MI
					HP1XHY	14019	2142	30	FL
					HR1VFB	14167	2326	4	MT
					HR1VFB	14165	2237	4	CT
					HZ1HZ	14010	2050	26	MA
					IM0BWR	14019	0011	3	FL
					IM0JOO	14199	1748	1	MD
					J28EG	14016	2340	1	FL
					J28EG	14018	2351	28	LA
					J28EL	14050	2157	28	FL
					JA7SSB	14007	0005	5	MI
					JP1BJR	14004	0028	2	MI
					JT1/ !	14010	0308	1	AL
					UA3EC				
					JW0A	14025	2046	27	IL
					JW2FFA	14185	2016	8	MA
					JY5DK	14194	1852	1	MD
					KH9/	14280	0423	22	MD
					NH6FU				
					KP2AH	14189	2238	26	CT
					KS6FL	14232	0428	22	MD
					LU2BC	14251	0047	28	CT
					LU8MAH	14020	0218	6	MI
					OA4ZV	14013	2352	29	FL
					OD5AS	14163	2253	28	MD
					OD5FE	14184	1855	1	MA
					OX3OB	14021	2244	29	AL
					OX3UD	14041	1223	30	AL
					P4/HB9TL	14193	2150	2	MA
					PJ2LS	14045	1212	30	GA
					PW8VMC	14051	2332	1	FL
					PZ1AV	14027	1154	2	GA
					PZ2AC	14023	2337	3	FL
					RA0AW	14220	0056	2	RI
					RB0HZ	14177	2148	30	NH
					RL7GA	14009	0132	1	FL
					RM8MA	14183	0145	29	PA
					RQ2GN	14026	1206	26	GA
					RV9UV	14018	0112	2	NH
					RW9WZ	14228	0243	2	NH
					S79CW	14183	1950	30	PA
					S92LB	14182	2221	23	MD
					SV1MB	14160	2235	21	MD

30 MTRS

FG5XC	10102	0430	1	OR
FT8YA	10106	0520	27	IL
FT8YA	10107	0433	1	OR
FT8YA	10107	0455	29	MA
OY7ML	10106	2236	1	MA
VK3KS	10109	2200	29	MA
VP2VA	10105	2245	30	MA

20 MTRS

4C1SWS	14160	2320	1	CT
4C1SWS	14180	2331	1	NH
4S7NE	14018	0134	1	FL
4U1UN	14027	0123	1	GA
4U1UN	14004	2350	29	FL
4U1VIC	14030	1145	5	GA
4X5J	14025	1232	28	AL
4X5J	14267	2320	26	CT
5B4MF	14225	2235	28	MA
5B4SC	14200	1313	2	MD
5H3ZO	14019	2336	29	AL
5H3ZO	14017	2240	29	LA
5N8ACH	14160	2330	4	CT
5V7HL	14220	2150	30	NH
5W1DZ	14309	0240	1	NY
6F2FL	14221	2355	4	CT
7X6KD	14179	2249	1	IL
8Q7AV	14183	1800	28	PA
9N1MM	14208	0133	30	MD
9N1MM	14209	0116	1	MD
9Y4NW	14016	0148	29	FL
A92EM	14016	2206	1	NH
A92EM	14221	0311	1	MD
AP2SQ	14196	0230	27	PA
AZ1ARU	14245	2351	4	CT
AZ1ARU	14026	0158	3	MT
AZ1ARU	14026	2358	2	FL
BY4AA	14233	0234	2	MD
BY5RA	14025	0145	21	PA
C56/	14161	0005	24	MD
EA5AL				
CE0ZIG	14006	0530	2	OR
CE0ZIG	14008	0237	2	MI
CE0ZIG	14014	0020	17	PA
CE0ZIG	14017	0315	4	OR
CE0ZIG	14005	0018	5	MI
CE0ZIQ	14006	0130	4	MI
CE5BYU	14029	0014	3	FL

Key to Bandpass: Callsign, frequency, UTC, day of month, state. * = long path. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

Reports Wanted, Especially RTTY, 30 meters: Please write or phone for report forms and envelopes: 814 Fourth St, Suite 1001, Santa Rosa, CA 95404 (707) 523-1001. Office hours: weekdays 1600-2400Z. At other times, answering machine picks up on second ring.

SV1TY	14013	1817	29	NH	UM8MTF	14007	0140	1	AL
SV1UG	14022	2140	28	FL	UM8MZ	14016	0133	1	FL
SV5/	14015	2240	28	MA	UM8NA	14007	0156	1	AL
SV0CJ					UM8NAV	14028	0316	2	OR
SV5/	14016	2137	28	FL	UM9MWE	14203	0132	1	MD
SV0CJ					UM9QWC	14016	0138	29	FL
SV5/	14025	2014	19	PA	UV100	14034	2327	1	MI
SV0CJ					UV100	14014	1927	5	MI
SV7MH	14021	2140	2	FL	UV100	14014	0051	2	NH
SV7RW	14265	2200	26	MA	UV9YI	14015	0045	19	PA
TA1A	14021	2132	2	FL	UZ0AWB	14184	0235	1	NY
TA2D	14016	2328	1	FL	UZ0AXX	14184	0244	2	NH
TF1PS	14008	2100	4	FL	UZ0AXX	14023	0013	1	NH
TF3LB	14026	1156	4	GA	UZ0AXX	14036	2331	1	MI
TI/	14195	2345	5	MT	UZ9AWB	14185	0120	2	RI
WA7LYE					UZ9YWW	14207	0230	1	NY
TI2LC	14185	2323	26	CT	V44KAR	14198	2346	4	CT
TJ1CH	14242	2114	4	NH	VK2APK	14009	0305	4	MI
TL8MEF	14163	2302	19	MD	VK3MO	14183	1218	2	RI
TR8RAL	14162	2350	3	NH	VK8HA	14028	2230	3	FL
TR8RAL	14160	2320	4	CT	VP2MU	14030	2150	1	MA
UA0AKQ	14025	0114	2	MI					Last Resort!
UA0AN	14179	0200	1	NY	VQ9DX	14183	1710	2	MA
UA0KBN	14007	0035	1	MI	VQ9RB	14028	2145	1	NH
UA0KFC	14006	2320	1	MI	VR6TC	14177	0220	23	MD
UA0SJA	14013	0054	1	NH	VS6CT	14226	2349	21	MD
UA0SJA	14012	0044	1	MI	VU2BK	14065	2121	30	NH
UA0YM	14006	0139	1	AL	VU2CK	14187	0140	29	PA
UA10T				Zone 23	VU2CK	14182	0142	30	MD
UA10T	14027	2217	29	MD	VU2CK	14187	0200	1	NY
UA10T	14027	2253	29	AL	VU2CK	14186	0130	28	PA
UA10T	14026	2254	29	LA	VU2CK	14187	0230	27	PA
UA6UAK	14040	0320	1	OR	VU2CK	14182	0150	30	PA
UA9YAD	14017	0058	1	MI	VU2CVP	14182	0225	1	NY
UA9ZAA	14026	0240	1	OR	VU2DDT	14197	0210	1	NY
				Oblast 100	VU2HIT	14018	0135	1	FL
UD6GF	14052	0420	2	OR	VU2ISV	14024	0111	1	AL
UI8AAX	14016	0116	1	FL	VU2ISV	14170	1852	27	MD
UI8AFA	14023	0213	1	MI	VU2ISV	14022	0139	29	FL
UI8DFA	14024	0207	1	AL	VU2ISV	14023	0126	1	GA
UI8OK	14031	0124	1	FL	VU2ISV	14023	0145	1	MI
UI8TAE	14029	0117	1	GA	VU2ISV	14165	1812	27	IL
UI8ZAA	14185	0315	1	NH	VU2JNA	14177	0200	30	PA
UJ8JCQ	14042	0144	26	LA	VU2SKH	14014	1525	30	OR
UJ8SAD	14170	0135	2	OR	VU2UGI	14008	0133	29	OH
UL7BW	14020	0155	27	NH	VU2UGI	14011	0152	2	OR
UL7FCG	14026	0150	2	MI	VU2UGI	14010	0124	29	FL
UL7GM	14013	0050	1	MI	YB0ARA	14194	1411	27	IL
UL7NCL	14030	0124	1	FL	ZC4FE	14034	1925	1	MA
UL7NCL	14030	0104	1	GA	ZC4MR	14183	1815	22	PA
UL7NR	14023	0120	1	FL	ZF1RC	14209	2345	27	CT
UL7PEQ	14038	0228	30	GA	ZF8SB	14170	2249	4	CT
UL7QF	14009	0130	2	MI	ZK1BD	14188	0403	23	MD
UL7QF	14010	0115	1	FL	ZK1RE	14309	0336	30	MD
UL8BWF	14023	0110	4	OR	ZL1SE	14014	0253	1	MI
UL8LWZ	14226	0239	2	NH	ZL2GH	14018	0208	4	MI
UL8LWZ	14228	0117	2	OR	ZL80Y	14203	0326	4	RI
UM8MBA	14025	0206	30	GA	ZL80Y	14236	0014	27	CT
UM8MBA	14025	0154	30	PA	ZP5LOB	14195	2345	5	MT
UM8MCF	14020	0118	1	FL	ZP5X				

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CALENDAR

Issue 336 May 16, 1986

(Changes in boldface for easy spotting)

Antarctica - FT FT8YA 14200 0400Z I332
4K1B 14035 0530Z

Barbados - 8P6 8P6AR by N6AUV for WPX CW
Burkina Faso -XT XT2BR 20M SSB 2000Z+

Cameroon - TJ TJ1CH 14232 at 2145Z
Caymans - ZF8 ZF8SB 14170 at 2200Z
Cen. Africa -TL TL8CK + KH 15m SSB 2000Z
Chad -TT TT8CW 'til May 30 by F6AJN
China - BY BY1QH, BY5RF active 20 SSB

Falklands - VP8 VP8BGO, VP8WTW active
Fiji - 3D2 N5RM May 19-28, and WPX CW
Fr Josef Land UA10T+UV100 - see Bandpass

Guam - KH2 AH2BE 14190 at 1330Z

Haiti - HH Using 4V prefixes May 18

India - VU Try 20 0110Z

Kermadec - ZM8 ZL8OY until late summer

Liechtenstein HB0/DA1WA May 22-June 2

Malta - 9H 9H3DX by DF2UU Jul. 11-31
Mauritania -5T 5T5RG 15m CW 1630
Mayotte - FH FH/F6DZD 'til May 30 +RTTY
Mongolia - JT 0300-0230Z on 20m
Morocco - CN CN8AD 40M cw 0700

Nepal - 9N 9N1MM 14208 0100
N. Caledonia FK 20m SSB 0400Z

Pakistan - AP AP2SQ 14197 0200

Rhodes - SV5 DL7FT/SV5 until May 20

Sao Tome - S9
So Shetlands
So. Cooks - ZK1
St Pierre - FP

Sudan - ST
Svalbard - JW

Syria - YK

Tahiti - FO

Taiwan - BV
Tanzania - 5H

Wake Is. - KH9
W Somoa - 5W

Zimbabwe - Z2
Zone 23

S92LB on 14183 2030-2330Z
HF0POL 0600Z 14220 I332
N5RM June 10-16
AA1V/FP May 24-25
K1RH July 11-22
ON7IP/ST2 18-2100Z 20m
JW5E until June 1 I332
JW0A 20cw 1400 + 2030Z
OE3EMN and VE2PAB in Golan Heights = YK.

FO8BI and BO very active
K8JRK May 9-17
FO0ASJ (N5DD) from Jun. 10
N5RM June 17-25
BV2B 14041 1430Z
5H3ZO active 14020-30

NH6FU/KH9 14225 at 0100Z
KB1CM and WB5VZL WPX CW

Early June by ZS6G
UA0YM 20cw 1400-1500Z

Contests

ARI International May 17-18
CQ WPX CW May 24/25
All Asian SSB June 14-15
IARU HF (nee Radiosport) July 12-13

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